

# PRYME® PATRIOT™ SPM-1400 SERIES

## Lightweight Boom Microphone

The Patriot™ is a behind-the-head headset that is a breeze to wear! The noise canceling flexible boom microphone provides clear transmit audio, while the loud single-ear speaker lets incoming signals be heard. Has an inline Push-to-Talk button and features a jack for an optional remote PTT accessory.

### FEATURES

- Rugged, lightweight behind-the-head headset with flexible boom microphone
- Adjustable, padded headset provides ideal fit and maximum comfort for long hours of use
- Noise canceling boom mic
- Rugged polycarbonate PTT housing for maximum durability
- High-quality speaker allows for ideal receive audio
- Remote PTT allows for multiple uses in the field
- Reinforced strain relief gives unit maximum durability

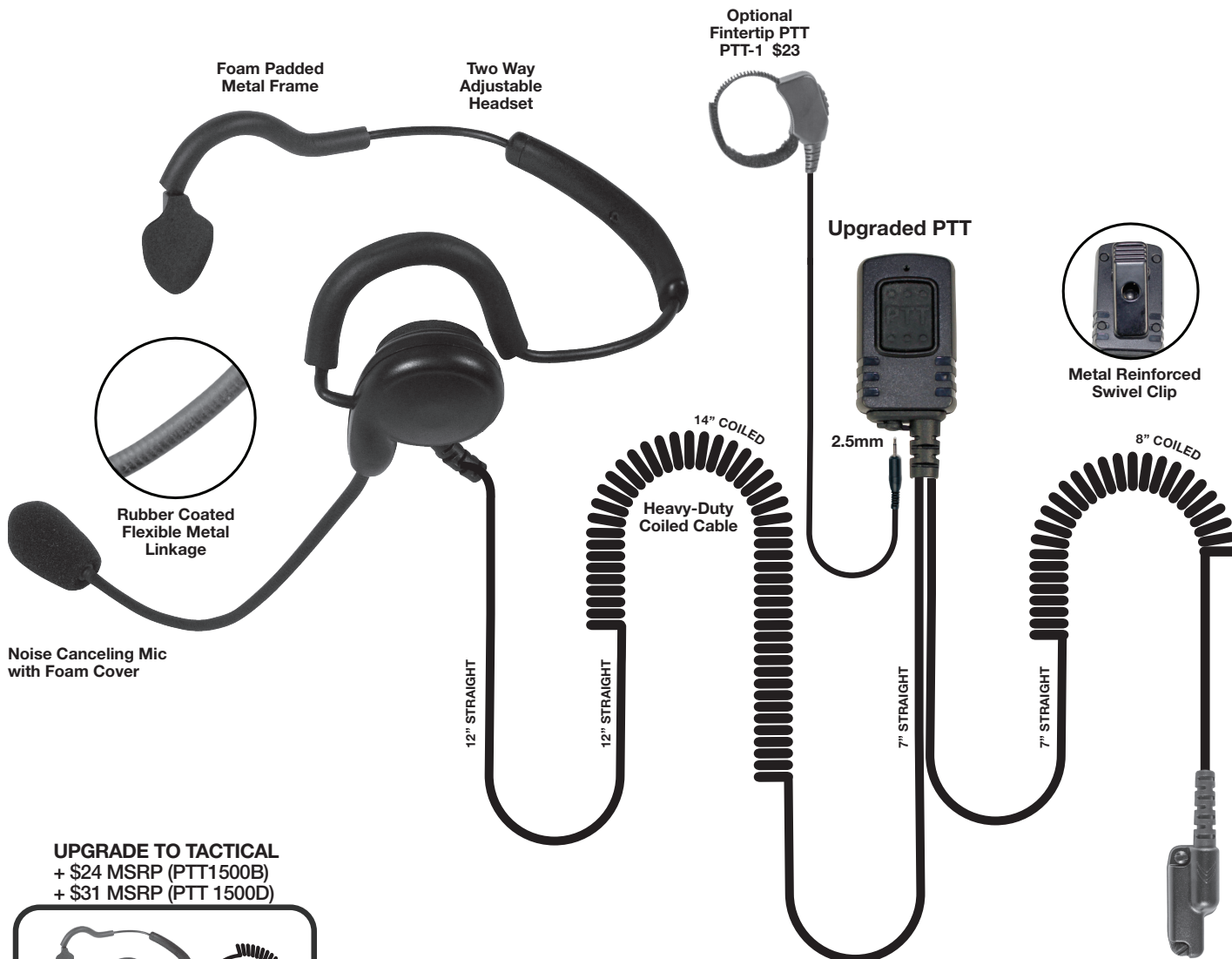
OPTIONAL FINGERTIP PTT - PART# PTT-1 \$23

### PRICING

CONNECTOR	MSRP
Simple Pin (1 & 2 pin)	\$55
Multi Pin	\$75



HEADSETS



**UPGRADE TO TACTICAL**  
 + \$24 MSRP (PTT1500B)  
 + \$31 MSRP (PTT 1500D)



**UPGRADE**  
**QD™**  
 QUICK DISCONNECT  
 AVAILABLE  
 See pages 40-41



# GLADIATOR™ SPM-1500

## Heavy-Duty Throat Microphone

# PRYME®

The GLADIATOR™ tactical HD Throat Mic system blocks background noise by picking up sound directly from user's vocal cords. Dual mic elements provide excellent audio, and eliminate the throat location placement issues often found with single element products. It has a surveillance style acoustic tube earphone for private communications.

### FEATURES

- Tactical, heavy-duty throat microphone with acoustic earphone
- Blocks background noise by picking up the sound of the user's voice directly from vocal chord vibration
- Dual microphone elements for comfort and performance
- Heavy-duty construction, featuring polyurethane cable, rubber, and high-impact polycarbonate
- Clear acoustic tube style surveillance earphone made of heavy grade surgical tubing
- Large PTT button for tactical set-up
- Fits neck sizes from 12" to 17"
- Throat Mic Portion IP68 rating\*



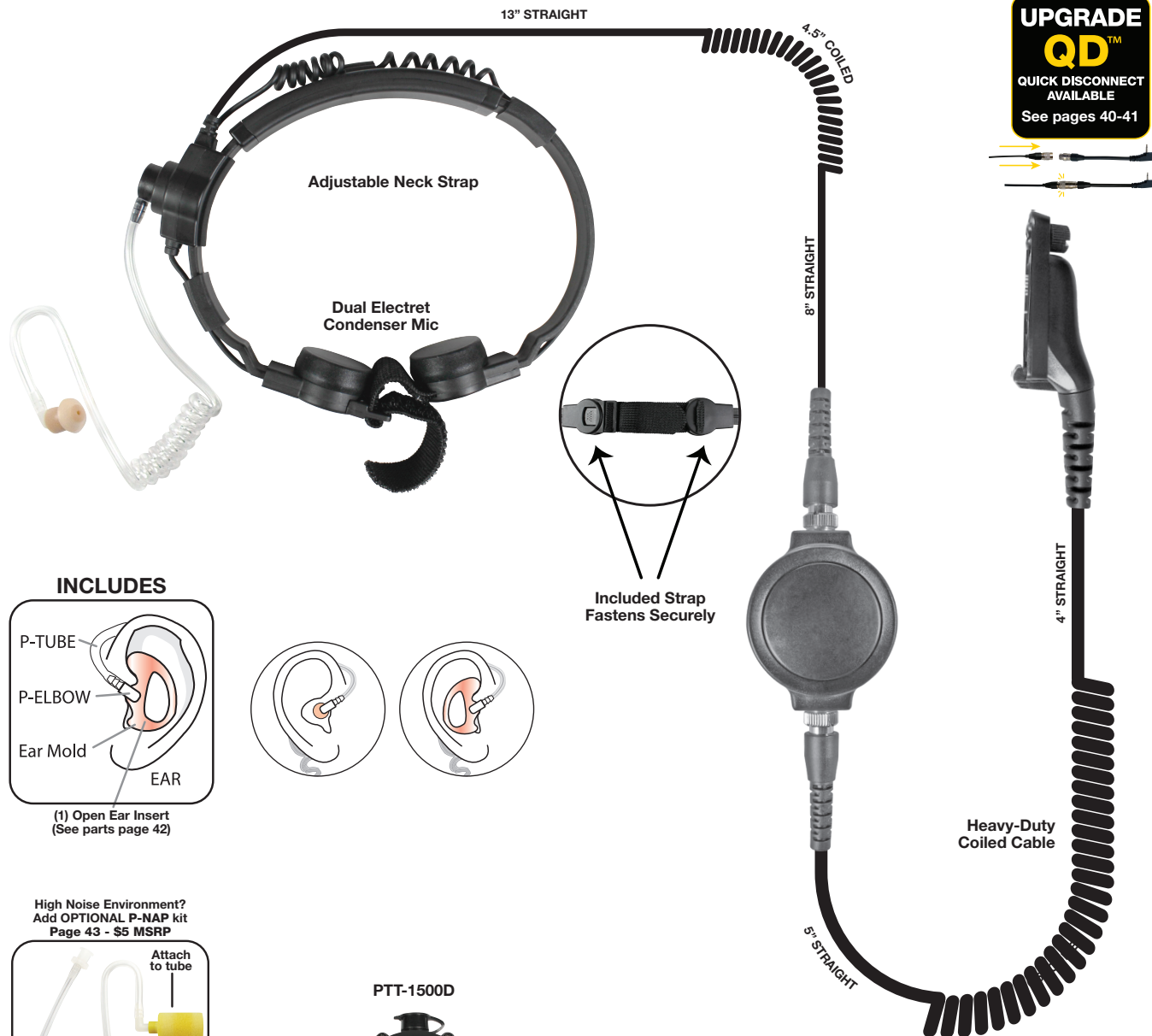
### PRICING

CONNECTOR	MSRP
Simple Pin (1 & 2 pin)	\$100
Multi Pin	\$120

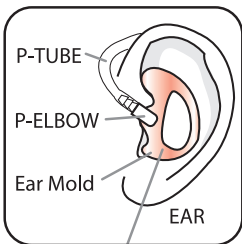


## Upgraded for Digital Radios

**UPGRADE**  
**QD™**  
QUICK DISCONNECT  
AVAILABLE  
See pages 40-41

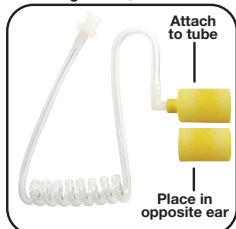


### INCLUDES



(1) Open Ear Insert  
(See parts page 42)

High Noise Environment?  
Add OPTIONAL P-NAP kit  
Page 43 - \$5 MSRP



PTT-1500D



\*Throat section rated IP68 (fully submersible)  
PTT-1500B rated IP56  
PTT-1500E Junction Box/PTT (optional) not rated  
PTT-1500D Waterproof PTT (optional) (shown above)

# PRYME<sup>®</sup> NBP-BH Tactical Bone Conduction Headset

The NBP-BH Tactical Bone Conduction Headset is a lightweight, robust headset for tactical assault type operations. The unique bone-conduction speakers vibrate the jawbone, which in turn transmits audio directly into the inner ear, bypassing the eardrum. This helps the user hear better in high-noise locations, even when wearing passive hearing protection.

## FEATURES

- Lightweight and very comfortable
- Noise canceling, adjustable Boom Microphone with replaceable windsock
- The adjustable top strap and behind-the-head band hold the headset firmly in place, and fits under most headgear
- 5-pin plug secures firmly to PTT switch and is backward-compatible to all PRYME Tactical accessories
- Standard package includes the PTT-1500B Tactical Hockey Puck PTT switch, and your choice of radio interface cable

## PRICING

CONNECTOR	MSRP
Simple Pin (1 & 2 pin)	\$150
Multi Pin	\$170



**UPGRADE**  
**QD™**  
QUICK DISCONNECT  
AVAILABLE  
See pages 40-41

PTT-1500D



\*Headset portion rated IP67  
PTT-1500B rated IP56  
PTT-1500E Junction Box/PTT (optional) not rated  
PTT-1500D Waterproof PTT (optional) (shown right)

SPECIFICATIONS	
<b>MICROPHONE</b>	
Impedance	<2.2k Ohms
Sensitivity	-42dB ± -3dB @ 1kHz
<b>SPEAKER</b>	
Type	Vibration
Impedance	8 Ohm ± 1% @ 1kHz
Typ. Max Output	103dB ± -5dB @ 1kHz
Ave. Rated Power	0.5W
Max. Power	1W
Freq. Response	300-3.4kHz
<b>MECHANICAL</b>	
Weight (headset)	4.1 oz (116 gram)
IP67	Dust Resistant - Waterproof (Headset only)

# HDS-EM

## High Performance Racing Style Dual Earmuff Headset

# PRYME®

The HDS-EM is a professional grade dual-muff headset perfect for racing intercom, avionics, and industrial use. The rubber-covered, behind-the-head band and adjustable Velcro® head strap are comfortable and keep the headset in place. Receive audio is heard over loud, dual-muff earphones, and the noise canceling dynamic boom microphone ensures clear audio on transmit. The HDS-EM is lightweight, comfortable and easy to adjust to fit any user.

### NRR 23dB ANSI S3.19-1974

#### FEATURES

- Dual muff style headset with adjustable behind-the-head stainless steel band and over-the-head adjustable Velcro® strap
- Lightweight, comfortable, and easy to adjust
- Super comfortable foam ear pads or optional GEL filled ear pads
- Racing style upper boom and flexible lower boom
- Tactile PTT button mounted in the left earphone
- Easy to replace microphone - upgrade to Dynamic or Active NC types
- 3.5mm audio input jack allows a second audio device (such as a scanner or MP3 player) to be heard over the earphones
- Removable and replaceable radio interface cable
- Available in flat black or carbon-fiber finishes

### MSRP \$229 + cable

Depending on connector; see page 50

MODEL #	DESCRIPTION	PRICE (less cable)
HDS-EMB	Dual Earmuff with boom mic in flat black	\$229 + Cable
HDS-EMC	Dual Earmuff with boom mic in carbon fiber finish	\$229 + Cable



**Replaceable Radio Interface Cable**  
sold separately - page 50

Over-the-Head Adjustable Velcro® Strap



Carbon Fiber Finish  
HDS-EMC



Tactile Push-to-Talk Button

Behind-the-Head Stainless Steel Band

Comfortable Foam Ear Pads or Optional Gel Earpads (see below)

**OPTIONAL**  
Noise Canceling  
Dynamic Mic  
P-EM-DMIC \$25.00

Listen Only Jack allows the user to listen to a scanner or MP3 player while still monitoring radio transmissions



REPLACEMENT PARTS		
P-EM-EMIC	Standard Electret Mic	Included
P-EM-DMIC	Dynamic Microphone	\$25
P-EM-CLOTHC	Soft Cloth Earpad Covers - pair	\$5/pair
P-EM-FOAMPADS	Replacement Foam Filled Earpads - pair	\$10/pair
P-EM-GELPADS	Replacement Gel-Filled Earpads - pair	\$45/pair
P-EM-HYGCOVERS	Replacement DISPOSABLE Earpad Covers - pair	\$2/pair
P-EM-MSOCK	Replacement Mic Wind Sock and Band	\$2



# PRYME® HBB-EM SERIES

## High Performance Dual Muff Headsets

The HBB-EM Series is a professional grade, dual-muff headset perfect for racing intercom, avionics, and industrial use. Receive audio is heard over loud dual-muff earphones and the adjustable boom microphone ensures clear audio on transmit. The HBB-EM Series is lightweight, comfortable and easy to adjust to fit any user.

### FEATURES

- Dual muff style headset with padded, adjustable head band
- Lightweight, comfortable, and easy to adjust
- Super comfortable foam earpads or optional GEL filled earpads
- Aviation-style boom microphone with flexible arm
- Optional noise canceling microphone reduces transmitted background noise
- Removable and replaceable radio interface cable (optional tactical kit available)
- Loud muff earphones allow the user to hear incoming signals easily
- Tactile PTT button mounted in the right earphone
- Replaceable microphone
- Rotary volume control
- 5P Mini XLR connector



**MSRP \$229 + cable**

Depending on connector; see page 50



**NRR 24dB ANSI S3.19-1974**

**MODEL NUMBER:**  
**HBB-EM-OHB (Black)**  
Over-the-Head



More than 35 different radio cables available. 2-Pin aviation cable also available. Page 50

**NEW: CABLES FOR CELLULAR PHONES**



- Easy-to-replace microphone
- Noise canceling electret (optional dynamic)

### REPLACEMENT PARTS

PART NUMBER	DESCRIPTION	PRICE
P-EM-EMIC	Standard Electret Mic	Included
P-EM-DMIC	Dynamic Microphone	\$25
P-EM-CLOTHC	Soft Cloth Earpad Covers - pair	\$5/pair
P-EM-FOAMPADS	Replacement Foam Filled Earpads - pair	\$10/pair
P-EM-GELPADS	Replacement Gel-Filled Earpads - pair	\$45/pair
P-EM-HYGCOVERS	Replacement DISPOSABLE Earpad Covers - pair	\$2/pair
P-EM-MSOCK	Replacement Mic Wind Sock and Band	\$2

### SPECIFICATIONS

MICROPHONE	
Type	Noise Canceling Condenser Mic
Sensitivity	-47±-3dB (at L=50mm)
Impedance	Low Impedance 680Ω
Frequency	300Hz~10KHz
Standard operation voltage	1.0V
Sensitivity reduction	Within -3dB at 1V
S/N ratio	More than 60dB
SPEAKER	
Size	50mm
Impedance	300 Ohm ± 1% @ 1kHz
Power Rating	30mW RMS
Output Sound Pressure Level	95 ± 3dB / 1100mW
Frequency Range	100Hz~3,000Hz
PHYSICAL	
Color	Black
Plug	5P Mini Chassis XLR Connector, Male
Ear Pads	Flexible inert foam
PTT Switch	500,000 cycle rated

# HBB-EM SERIES

## High Performance Dual Muff Headsets

# PRYME®

**NRR Rating of 24dB**



### Hard Hat Mounting System

#### FEATURES

- Dual muff style headset with snap-on helmet mount
- Lightweight, comfortable, and easy to adjust
- Super comfortable foam earpads or optional GEL filled earpads
- Aviation-style boom microphone with flexible arm
- Optional noise canceling microphone reduces transmitted background noise
- Removable/replaceable radio interface cable (optional tactical kit available)
- Loud muff earphones allow the user to hear incoming signals easily
- Tactile PTT button mounted in the right earphone
- Replaceable microphone
- Rotary volume control
- 5P Mini XLR connector

**HBB-EM-HMB (Black)**  
**HBB-EM-HMY (Yellow)**

**MSRP \$229 + cable**

Depending on connector; see page 50



### Hard Hat Mounting System - Listen Only

#### FEATURES

- Dual muff style headset with snap-on helmet mount
- Lightweight, comfortable, and easy to adjust
- Super comfortable foam earpads or optional GEL filled earpads
- Loud muff earphones allow the user to hear incoming signals easily
- Standard 3.5mm jack can be used with common earphone cables
- Short 3.5mm coil cable

**HBB-EM-LO-HMB (Black)**  
**HBB-EM-LO-HMY (Yellow)**

**MSRP \$150**

Short 3.5mm cable included



More than 35 different radio cables available. 2-Pin aviation cable also available. Page 50

**NEW: CABLES FOR CELLULAR PHONES**



Unique snap-on-mounting system fits most construction hard hats.



HBB-EM-HMY



HBB-EM-HMB



HBB-EM-LO-HMB



Short 3.5mm cable included (fits all PRYME speaker mics)



HBB-EM-LO-HMY

# PRYME<sup>®</sup> HLP-SNL SERIES

## Lightweight Padded Headset for Portable Radios

High-Performance padded headset with noise reducing boom microphone is lightweight and extremely comfortable to wear. Padded headband and speaker combined with rugged, over-the-head design make the HLP-SNL perfect for users who have to wear headsets for long periods of time. Perfect for dispatch, retail, restaurant, movie/TV set, hospitality, entertainment and industrial users.

### FEATURES

- Lightweight over-the-head headset
- Padded, adjustable metal headband (replaceable padding)
- Adjustable padded T-Bar
- Adjustable speaker housing assembly
- Replaceable leather style speaker cushion
- Flexible metal boom microphone with replaceable windsock
- Noise reducing condenser microphone element
- Rugged in-line PTT switch
- Reinforced strain reliefs at all attachment points
- Large variety of different radio connectors available



### PRICING

CONNECTOR	MSRP
Simple Pin (1 & 2 pin)	\$110
Multi Pin	\$130



REPLACEMENT PARTS		
PART NUMBER	DESCRIPTION	MSRP
P-HLP-CPAD	Cloth Ear Pads (set of 2)	\$10
P-HLP-LPAD	Leatherette Ear Pads (set of 2)	\$10
P-HLP-LCOVER	Padded Headband Cover	\$7
P-HLP-MSOCK	Microphone Windsock Cover	\$2.50

Padded Headband

Adjustable

Replaceable Earpad

Noise canceling microphone

Flexible Metal Boom

Rotates for use on either ear

39" STRAIGHT

Heavy-Duty Clip (rotates 360°)

In-line PTT w/large button

10" STRAIGHT

### SPECIFICATIONS

MICROPHONE	
Type	Noise Canceling Condenser Mic
Sensitivity	-47 ± -3dB
Impedance	680Ω Typ
Frequency	500Hz-8000Hz
Standard operation voltage	10V
Current Consumption	Max. 0.4mA
Sensitivity reduction	-3dB at 1V
S/N ratio	> 60dB
SPEAKER	
Size	Outer Diameter 40mm
Impedance	300Ω @ 1kHz
Power Rating	Nominal 10mW RMS, 20mW Max.
Output Sound Pressure Level	96 ± 3dB / 100mW / 1cm
Frequency Range	100Hz-10Hz
Distortion	5% Maximum at 1KHz / 100mW

**UPGRADE**  
**QD™**  
QUICK DISCONNECT  
AVAILABLE  
See pages 40-41





# HLP MOBILE SERIES

## Lightweight Padded Headset for Mobile Radios

# PRYME®

High-Performance Padded Headset with Noise Reducing Boom Microphone is Lightweight and extremely comfortable to wear. Padded headband and speaker combined with rugged over-the-head design makes the HLP-SNL perfect for users who must wear headsets for long periods of time.

### FEATURES

- Lightweight over-the-head headset
- Padded, adjustable metal headband (replaceable padding)
- Adjustable padded T-Bar
- Adjustable speaker housing assembly
- Replaceable leather style speaker cushion
- Flexible metal boom microphone with replaceable windsock
- Reinforced strain reliefs at all attachment points
- Noise reducing condenser microphone element
- Rugged in-line PTT switch



## MOBILE / BASE RADIO HEADSETS



OPTIONAL ACCESSORIES		
PART NUMBER	DESCRIPTION	MSRP
P-HLP-CPAD	Cloth Ear Pads (set of 2)	\$10
P-HLP-LPAD	Leatherette Ear Pads (set of 2)	\$10
P-HLP-LCOVER	Padded Headband Cover	\$7
P-HLP-MSOCK	Microphone Windsock Cover	\$2.50
PTT-FS1	Foot Switch PTT	\$21.50

SPECIFICATIONS	
<b>MICROPHONE</b>	
Type	Noise Canceling Condenser Mic
<b>SPEAKER</b>	
Size	Outer Diameter 40mm
Impedance	300Ω @ 1kHz
Power Rating	Nominal 10mW RMS, 20mW Max.
Output Sound Pressure Level	96 ± 3dB / 100mW / 1cm
Frequency Range	100 Hz ~ 10 kHz
Distortion	5% Maximum at 1kHz / 100mW

### PRICING

Model	Radio Brand	Radio Models	Amplified?	Footswitch Option?	Connection(s)	MSRP
HLP-SNL-M00J	Icom	IC-F110, IC-F110S, IC-F111, IC-F111S, IC-F121, IC-F121S, IC-F1610, IC-F1710, IC-F1721, IC-F1721D, IC-F1810, IC-F1821, IC-F1821D, IC-F210, IC-F210S, IC-F211, IC-F211S, IC-F221, IC-F221S, IC-F2610, IC-F2710, IC-F2721, IC-F2721D, IC-F2810, IC-F2821, IC-F2821D, IC-F320, IC-F320S, IC-F410S, IC-F420, IC-F420S, IC-F5011, IC-F5021, IC-F5022, IC-F5061, IC-F5062, IC-F510, IC-F5121D, IC-F521, IC-F6011, IC-F6021, IC-F6022, IC-F6061, IC-F6062, IC-F610, IC-F6121D, IC-F621, IC-F621TR, IC-F9511, IC-F9521	NO	YES	Uses both RJ45 (Mic Jack) plus rear 3.5 mm speaker jack	\$130
HLP-SAL-M01J	Kenwood	TM-271, TK-762, TK-862, TK-7160, TK-8160, TK-7162, TK-8162, TK-7180, TK-8180, TK-7189, TK-8189, TKR-750, TKR-850, TK-768G, TK-868G, TK-760, TK-860, TK-780, TK-880, TK-7102, TK-8102	NO	YES	Uses both RJ45 (Mic Jack) plus rear 3.5 mm speaker jack	\$130
HLP-SNL-M83	Motorola	XPR4300, XPR4350, XPR4380, XPR4500, XPR4550, XPR4580, XPR5350, XPR5550, XPR8300	YES	NO*	Uses OEM rear accessory connector	\$210
HLP-SNL-M33	Motorola	CDM Series, CM Series, GM Series, GR series, M Series, MAXTRAC Series, PM Series, SM Series	YES	YES	Uses OEM rear accessory connector	\$210
HLP-SNL-M43	Motorola	APX4500, APX6500, APX7500, XTL1500, XTL2500, XTL5000	YES	YES	Uses OEM rear accessory connector	\$210
HLP-SAL-M02J	Vertex	EVX-5300, EVX-5400, VX-2100, VX-2200, VX-4100, VX-4200, VX-4500, VX-4600	NO	YES	Uses both RJ45 (Mic Jack) plus rear 3.5 mm speaker jack	\$130
HLP-SNL-M92J	Yaesu	FT-1500, FT-1802, FT-1900, FT-2800, FT-2900, FT-7800, FT-7900, FT-8000, FT-8500, FT-8800, FT-8900, FTM-350A, FTM-400D	NO	YES	Uses both RJ15 (Mic Jack) plus rear 3.5 mm speaker jack	\$130

\* An external footswitch can be used with this headset by connecting the footswitch to the OEM accessory connector on the rear of the radio. (Requires optional footswitch and Motorola OEM connector kit part number PMLN5072A.)



# PRYME<sup>®</sup> HIGHWAY<sup>™</sup> SPM-800 SERIES

## Medium Duty In-Helmet Microphone

The SPM-800 HIGHWAY<sup>™</sup> Series is an in-helmet boom microphone and speaker system for motorcycles. The electret mic system helps minimize background noise. The SPM-800 features a large, rubber-covered PTT button that can be secured to handlebars or held in the palm of the hand, and is easy to operate even while wearing gloves. The HIGHWAY<sup>™</sup> installs easily, using only velcro pads - there is no need to drill holes in the helmet.

**MSRP \$63**

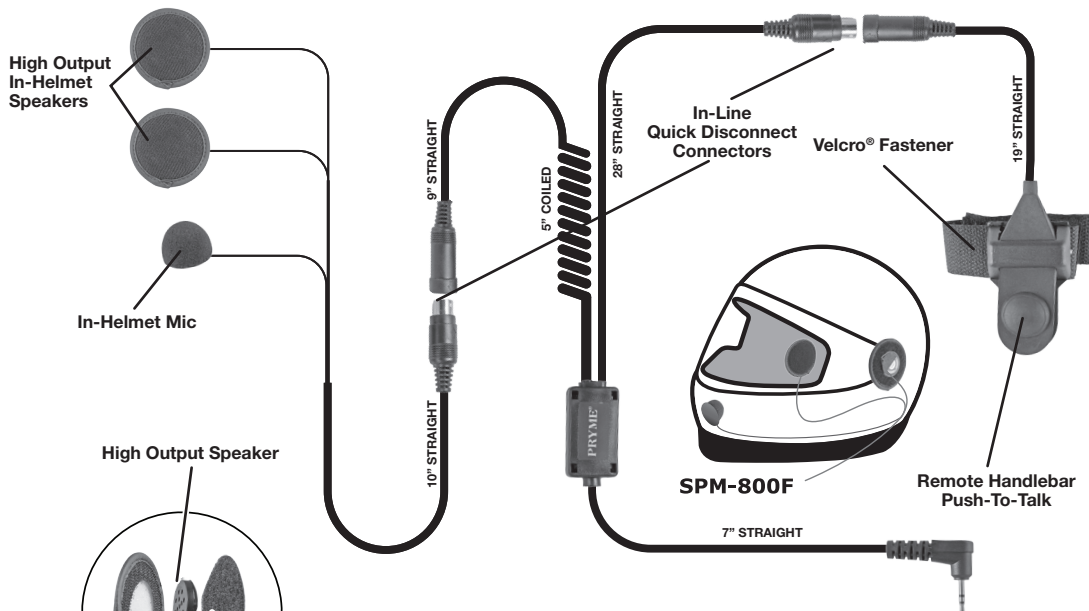
Depending on connector; see pages 51-55



### FEATURES

- Medium duty, in-helmet motorcycle mic system
- Powerful in-helmet speakers allow the user to hear radio transmissions over road noise
- High-quality electret condenser element produces excellent transmit audio
- Handlebar mountable Push-To-Talk switch for convenient communications
- Installs into helmet using only two-sided fastening tape. No drilling of holes is required
- Modular features allow the mic system to be easily disconnected from the motorcycle
- Available for both open faced (SPM-800B) and full faced (SPM-800F) helmets

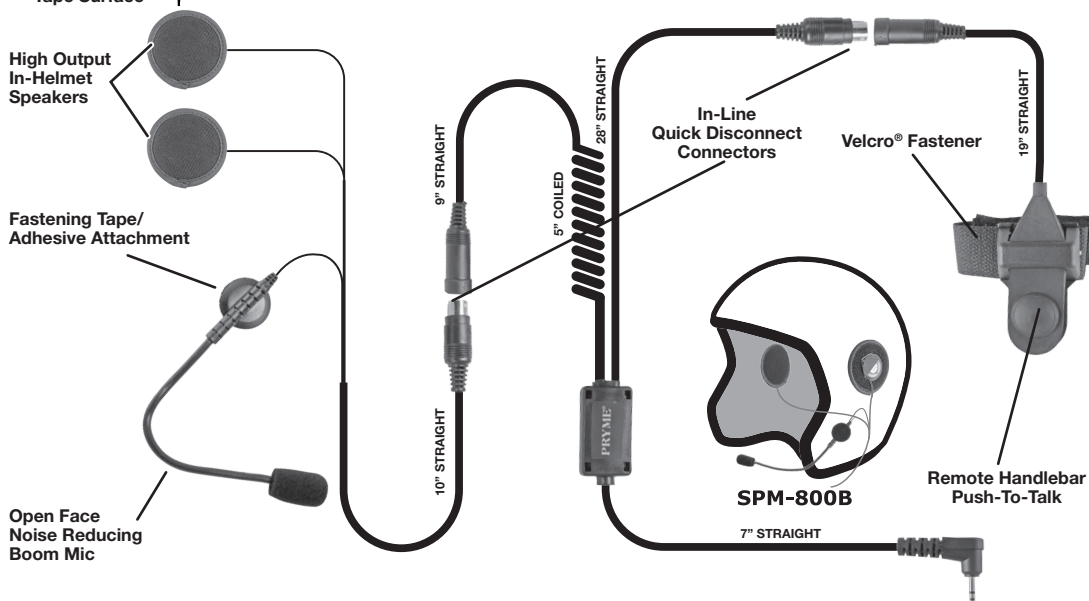
**For Wireless version,  
use BTH-300-KIT 7  
(pg. 4)**



### SPM-800F

Model	Connector
FOR ICOM, MIDLAND & MAXON RADIOS	
SPM-800F	x00
SPM-830sF	x30s
FOR KENWOOD & RELM RADIOS	
SPM-801F	x01
FOR HYT/HYTERA & MOTOROLA RADIOS	
SPM-803F	x03
FOR VERTEX & YAESU RADIOS	
SPM-800F	x00
SPM-842F	x42

See pages 51-55 for connector images.



### SPM-800B

Model	Connector
FOR ICOM, MIDLAND & MAXON RADIOS	
SPM-800B	x00
SPM-830sB	x30s
FOR KENWOOD & RELM RADIOS	
SPM-801B	x01
FOR HYT/HYTERA & MOTOROLA RADIOS	
SPM-803B	x03
SPM-863B	x63
FOR VERTEX & YAESU RADIOS	
SPM-800B	x00
SPM-842B	x42

See pages 51-55 for connector images.

# HZT-SNB SERIES

## HZT Bowman Style Tactical Headset

# PRYME®

Combat style Tactical Headset w/U94 (NEXUS) Plug/NATO wiring format.  
Use with Tactical PTT such as our PTT-NX4.

**MSRP \$70**

REQUIRES A 4-PIN NEXUS JACK (NATO WIRING) PTT WITH RADIO CABLE.  
Should be compatible with any aftermarket PTT/Radio cable if it uses U94 type connection wired to NATO format.

### FEATURES

- Reversible microphone for left or right side use
- Low profile, fits under helmets and hats
- Vented earpiece so you can still hear ambient noises
- Flexible microphone
- Standard military version plug
- Adjustable strap

**GREAT FOR AIRSOFT!**



## PTT-NX4-01 Replacement PTT Switch (NEXUS U94) for HZT-SNB Series

Tactical PTT switch with NEXUS Jack (NATO U94 type.) Use with Pryme HZT-SNB Tactical Bowman Style Headsets.

Currently available with 2-pin Radio Connector for Kenwood, Wouxun, Powerwerx and similar radio models.

**MSRP \$50**

